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VER. 5

INSTRUMENTS WITH DIGITAL SOUL

AX-7030 Analogue-Digital Multimeters

Features:

- 8 functions, 20 ranges
- diode and continuity test with buzzer
- battery test function
- protective holster



Specifications:

Display	: analogue and LCD 3,5 digits (15 mm)
DC voltage	: 0,2/2/20/200/600V ± 3% / ± 0,5% +2c
AC voltage	: 0,2/2/20/200/600V ± 4% / ± 0,8% + 3c
DC current	: 0,2mA/2mA/20mA/200mA/10A
	: ±3% / ±1% +3c
AC current	: 0,2mA/2mA/20mA/200mA/10A
	: ±4% / ±1,5% +3c
Resistance	: 200/2K/20K/200K/2M/20MΩ
	: ±3% / ±0,8% +3c
Battery test	: 1,5V (100 mA) / 9V (10 mA)
Diode test	: test current about 1 mA
	: test voltage about 2,4 V
Continuity test	: acoustic alarm for R<30Ω
Dimensions	: 190 x 108 x 50 mm
Weight	: 470 g (with battery)
Supply	: 9V 6F22 battery
Safety	: EN61010, Cat. II 600V

Standard equipment:

- test leads set

AX-7003 Pocket Size Analogue Meters

Features:

- 6 functions, 14 ranges
- battery test function
- disconnectable test leads
- dB measurement
- protective holster



Specifications:

DC voltage / Accuracy	: 10 / 50 / 250 / 500V ±5%
AC voltage / Accuracy	: 50 / 250 / 500 V ±5%
DC current / Accuracy	: 25 / 250 mA ±5%
Resistance / Accuracy	: 10 kΩ / 1 MΩ ±5%
Battery test	: 1,5 V (125 mA) / 9 V (25 mA)
Decibels	: 4 to 56 (0 dB: 1 mW / 600W)
Dimensions	: 120 x 90 x 30 mm
Weight	: 160 g (with battery)
Supply	: 1,5V LR03 battery
Safety	: IEC/EN61010, Cat. II 300V

AX-201 Handheld Multimeters with Backlight

Features:

- LCD display 3,5 digits (1999), digits 13 mm high
- auto ranging
- auto polarisation indicator
- over range indicator
- low battery indicator
- HOLD function
- display with backlight
- flashlight
- auto power off
- diode and continuity test with buzzer
- logic state tester (TTL)



Specifications:

Display	: LCD 3,5 digits, digits 13 mm high
DC voltage	: 200 mV, 600V
AC voltage	: 2V, 600V
Resistance	: 200Ω, 20MΩ
DC current	: 20mA, 200mA
AC current	: 20mA, 200mA
Diode test	: test current 0,5 mA / test voltage 1,5 V
Continuity test	: acoustic alarm for R < 50Ω
Dimensions	: 230 x 57 x 30 mm
Weight	: 182 g (with battery)
Supply	: 9V 6F22 battery (not included)
Safety	: IEC61010, Cat. II 600V

AX-100 Portable Digital Multimeters

Features:

- LCD display 3,5 digits
- shock-resistant case
- manual ranging
- diode and continuity test with buzzer
- low battery indicator



Specifications:

Type of display used	: LCD 3,5 digit (1999)
Sampling	: 3x/s
AC voltage measuring range	: 100...200/600V
DC voltage measuring range	: 100...200m/2/20/200/600V
DC current measuring range	: 1...20/200/200m/10A
Resistance measuring range	: 0,1Ω...200/2kΩ
Diode test	: 1mA, 3V
Continuity test	: Acoustic signal for R < 70Ω
Overall dimensions (W x D x H)	: 85 x 30 x 145 mm
Weight with battery	: 170 g
Power supply	: 1 battery 9V 6F22

Standard equipment:

- test leads

AX-MS811 Pocket Digital Multimeters 500V AC/DC

AX-MS811 Pocket Digital Multimeters 500V AC/DC

Features:

- LCD display 3,74 digits
- auto ranging
- auto polarization indicator
- REL relative measurement function
- diode and continuity test with buzzer
- over range indicator
- low battery indicator



Specifications:

Display	: LCD 3,75 digits (4000)
DC voltage	: 0,1mV...400mV/4V/400V/500V
AC voltage	: 1mV...4V/40V/400V/500V
Resistance	: 0,1Ω...400Ω
	: 4kΩ/40kΩ/400kΩ/4MΩ/40MΩ
Capacitance	: 0,001nF...4nF/40nF/400nF/4μF/400μF/200pF
Frequency	: 5kHz/50kHz/500kHz/10MHz
Filling rate	: 0,1...99%
Diode test	: current test 1 mA / voltage test 1,5V
Continuity test	: acoustic signal for R < 60Ω
Dimensions	: 108 x 56 x 11,5mm
Supply	: 3V CR2032 battery (not included)
Safety	: EN61010 Cat. II 500V

AX-MS8221A Digital Multimeters with Buzzer

Features:

- HOLD function
- low battery indicator
- separate socket for measuring NPN and PNP transistor's hFE
- measure DC and AC current up to 10A
- continuity test with buzzer



Specifications:

Display	: LCD 3,5 digits (1999), digits 15mm high
DC voltage	: 200mV/2V/20V/200/1000V
AC voltage	: 2V/20V/200V/750V(40Hz-1kHz)
DC current	: 200μA/2mA/20m/200m/10A
AC current	: 2mA/20m/200m/10A(40Hz-1kHz)
Resistance	: 200/2k/20k/200k/2M/20MΩ
Continuity test	: acoustic alarm for R < 50Ω
Diode test	: test current: 1 mA; test voltage: 2,8V
DC Test of transistor's hFE	: 2,8V test voltage
Safety	: IEC/EN61010-1 Cat. II 1000V, Cat. III 600V
Supply	: 1,5V LR03, 3 batteries (included)
Dimensions	: 158x74x32 mm
Weight	: 250 g (with batteries)

Standard equipment:

- test leads

AX-101B Digital Multimeters

Features:

- LCD with backlight
- square waveform generator
- shock-resistant case
- manual ranging
- diode and continuity test with buzzer
- low battery indicator

Specifications:

Display	: LCD 3,5 digit (1999)
Sampling	: 2-3x/s
AC voltage measuring range	: 100m...200/500V
DC voltage measuring range	: 100µ...200m/2/20/200/500V
DC current measuring range	: 1µ...2m/20m/200m/10A
Resistance measuring range	: 0.1...200/2k/20k/200k/20M/200MΩ
Continuity test	: acoustic signal for R<70Ω
Weight with battery	: 156 g
Overall dimensions (W x D x H)	: 74 x 35 x 150 mm
Power supply	: 1 battery 9V 6F22
Equipment	: user's manual; : test leads



AX-105 Automatic Digital Pocket Multimeters

Features:

- 3.75 (3999) LCD display
- auto and manual ranging
- relative measurement function REL (differential measurement)
- HOLD function (holds measurements results on the display)
- Duty Cycle measurement
- diodes and continuity test with buzzer
- over range indicator
- auto power off
- low battery indicator
- protective holster

Specifications:

Display	: LCD 3.75 digits (3999), digits 18.9 mm high
Sampling rate	: 3 x/s
Voltage DC	: 100µV...400mV/4V/40V/400V/600V
Voltage AC	: 1mV...4V/40V/400V
Current DC	: 0.1µA...400µA/4000µA/40mA/400mA/10A
Current AC	: 0.1µA...400µA/4000µA/40mA/400mA/10A
Resistance	: 0.1Ω...400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ
Capacitance	: 1pF...4nF/40nF/400nF/4µF/40µF/100µF
Frequency	: 0.001Hz...1Hz/10Hz/100Hz/1kHz/10kHz/100kHz
Temperature	: 1MHz/30MHz
LED test	: -20°C to 1000°C
Continuity test	: testing current 0.5 mA / testing voltage 1.5 V
Dimensions	: acoustic signal for R < 50 Ω
Weight	: 145 x 74 x 36 mm
Supply	: 190 g (with batteries)
	: 1.5V LR03, 2 batteries (not included)

Standard equipment:

- test leads with contact tips
- type K temperature probe with ball tip at one end, and 4 mm banana plugs at another end

AX-582B Digital Multimeters with Backlit Display

Features:

- large, backlit LCD (28mm)
- automatic power-off
- HOLD function
- impact resistant holster
- measures transistors' gain (hFE) by means of the adapter included
- manual ranging
- diode and continuity test with buzzer
- detects line wire (acoustic and optical indication)

Specifications:

Meter type	: digital multimeter
Type of display used	: LCD 3,5 digit 28mm
Sampling	: 3x/s
DC voltage measuring range	: 0,1m...200m/2/ 20/200/1000V
AC voltage measuring range	: 1m...2/20/200/750V
Bandwidth for AC voltage measurements	: 40Hz...400Hz (to 200V), 40Hz...100Hz (to 750V)
DC current measuring range	: 1µ...2m/20m/200m/20A
AC current measuring range	: 1µ...2m/20m/200m/20A
Bandwidth for AC current measurements	: 40Hz...200Hz
Resistance measuring range	: 0,1...200/2k/20k/ 200k/2M/200MΩ
Capacitance measuring range	: 10p...20n/2000n/2p/20p/200pF
Frequency measuring range	: 1...2k/200k/2M/10MHz
Temperature measuring range	: -40...1000°C
Inductance measuring range	: 1µ...2m/20m/200m/2H/20H
Diode test	: 1mA, 3V
Continuity test	: acoustic signal for R<70Ω
Overall dimensions (W x D x H)	: 97 x 35 x 189 mm
Weight with battery	: 400 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 600V CAT IV



AX-588B Digital Multimeters with Inductance Measurement

Specifications:

Meter type	: digital multimeter
Type of display used	: LCD 3,5 digit 28mm
DC voltage measuring range	: 0,1m...200m/2/20/200/1000V
AC voltage measuring range	: 0,1m...200m/2/200/750V
Bandwidth for AC voltage measurements	: 40Hz...400Hz (to 200V), 40Hz...100Hz (to 750V)
DC current measuring range	: 1µ...2m/20m/200m/20A
AC current measuring range	: 1µ...2m/20m/200m/20A
Bandwidth for AC current measurements	: 40Hz...200Hz
Resistance measuring range	: 0,1...200/2k/20k/ 200k/2M/200MΩ
Capacitance measuring range	: 10p...20n/2000n/2p/20p/200pF
Frequency measuring range	: 1...2k/200k/2M/10MHz
Temperature measuring range	: -40...1000°C
Inductance measuring range	: 1µ...2m/20m/200m/2H/20H
Diode test	: 1mA, 3V
Continuity test	: acoustic signal for R<70Ω
Overall dimensions (W x D x H)	: 97 x 35 x 189 mm
Weight with battery	: 400 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 600V CAT IV

Standard equipment:

- adapter for capacitance and transistors' gain (hFE) measurement
- test leads
- drop-like K-type probe with crocodile clips 4mm TP-09

Optional equipment:

- AX-58P soft cover

AX-572 Digital Multimeters with Backlit Display

Features:

- LCD 3,5 digit (1999)
- 40 mm high
- automatic power-off
- impact resistant holster
- measures transistors' gain (hFE) by means of the adapter included
- manual ranging
- diode and continuity test with buzzer
- low battery indicator
- over range indication "1" or "-1"



Specifications:

Display	: LCD (1999)
Sampling	: 3x/s
DC voltage measuring range	: 1m...2/20/200/1000V
AC voltage measuring range	: 1m...2/20/200/750V
DC current measuring range	: 0,01...20µ/2/200m/20A
AC current measuring range	: 1µ...2m/20m/200m/20A
Resistance measuring range	: 0,1...200/2k/20k/200k/2M/20MΩ
Capacitance measuring range	: 1pF...4nF/40nF/400nF/4µF/40µF/100µF
Diode test	: 1mA, 3V
Continuity test	: acoustic signal for R<70Ω
Transistors' gain (hFE) test	: 3 V
Conform to the norm	: EN61010 600V CAT III
Overall dimensions (W x D x H)	: 93 x 55 x 175 mm
Weight	: 400 g
Power supply	: 1 battery 9V 6F22



Features:

- large, backlit LCD (28mm)
- automatic power-off
- PEAK HOLD function
- impact resistant holster
- measures frequency, capacitance and temperature
- measures transistors' gain (hFE) by means of the adapter included
- manual ranging
- enhanced range of resistance measurement to 2000MΩ
- diode and continuity test with buzzer

AX-MS8250 Digital Multimeters with Built-in Voltage Detector Display

Features:

- large, LCD display with backlight digits 18 mm high
- low battery indicator
- auto and manual ranging
- HOLD function
- REL function
- diode and continuity test
- frequency, capacitance, and temperature measurement
- auto power off after 15 minutes



Specifications:

Display	: LCD 3,75 digits (3999), digits 18mm high
DC voltage	: 0,1mV...400mV/4V/40V/400V/1000V
AC voltage	: 1mV...4V/40V/400V/750V
Bandwidth	: 40 Hz - 400 Hz
DC current	: 1µA...4000µA/400mA/10A
AC current	: 1µA...4000µA/400mA/10A
Bandwidth	: 40 Hz - 400 Hz
Resistance	: 0,1Ω...40MΩ
Capacitance	: 1pF...200µF
Frequency	: 0,001Hz...9,999Hz/>200kHz
Temperature	: -20°C to +1000°C
Non-contact voltage detector	: > 50V
-frequency	: 50 Hz
-distance	: < 150 mm
Diode test	: test current 1 mA DC, test voltage 1,5 V DC
Continuity test	: acoustic alarm for R<40 Ω
Dimensions	: 156 x 82 x 29 mm
Weight	: 220 g (with batteries)
Supply	: 1,5 V R03, 3 batteries
Safety	: Cat. III 600V and Cat. II 1000V

Standard equipment:

- test leads set with test tips

AX-190A Multifunction Digital Multimeter

Specifications:

Meter type	: digital multimeter
Display	: LCD (4000)
Sampling	: 3x/s
DC voltage measuring range	: 0,1m...400m/4/40/400/600V
AC voltage measuring range	: 0,1m...400m/4/40/400/600V
DC current measuring range	: 0,1...400µ/4000µ/400m/10A
AC current measuring range	: 0,1...400µ/4000µ/400m/10A
Resistance measuring range	: 0,1...400/4k/40k/400k/4M/40MΩ
Capacitance measuring range	: 10p...50n/500n/5p/50µ/100µF
Frequency measuring range	: 0,001...5/50/500/5k/50k/500k/10MHz
Temperature measuring range	: -20...1300°C
Humidity measuring range	: 33...99% RH
Illumination measuring range	: 0,001...40 lux
Sound level measuring range	: 35...100 dB
Duty cycle factor	: 0,1...99,9%
Diode test	: 1,4mA, 2,8V
Continuity test	: acoustic signal for R<50Ω
Overall dimensions (W x D x H)	: 78 x 48 x 170 mm
Weight with battery	: 335 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 1000V CAT III, EN61010 600V CAT IV

AX-585B Digital Multimeters 4,5 Digit with Backlit Display

Features:

- large, backlit LCD (32mm)
- automatic power-off
- HOLD function
- impact resistant holster
- measures frequency, capacitance and temperature
- manual ranging
- continuity test (acoustic and optical indication)
- diode test



Specifications:

Meter type	: digital multimeter
Type of display used	: LCD 4,5 digit (19999) 32mm
Sampling	: 3x/s
DC voltage measuring range	: 10µ...200m/2/20/200/1000V
AC voltage measuring range	: 100µ...20/20/200/750V
Bandwidth for AC voltage measurements	: 40Hz...400Hz
DC current measuring range	: 0,01µ...200µ/2m/20m/200m/20A
AC current measuring range	: 1µ...20m/200m/20A
Bandwidth for AC current measurements	: 40Hz...200Hz
Resistance measuring range	: 0,01...200/2k/20k/200k/2M/200MΩ
Capacitance measuring range	: 1p...20n/2µ/200µF
Frequency measuring range	: 1 Hz...200kHz
Temperature measuring range	: -10...1000°C
Temperature measurement resolution	: 0,1°C
Diode test	: 1mA, 3V
Continuity test	: acoustic signal for R<70Ω
Overall dimensions (W x D x H)	: 97 x 35 x 189 mm
Weight with battery	: 400 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 600V CAT IV

Standard equipment:

- test leads
- drop-like K-type probe with crocodile clips 4mm TP-09

Optional equipment:

- AX-58P soft cover

AX-594 Automatic Multimeters with Bargraph and USB

Features:

- LCD display 3 3/4 digits, 3999 counts with bargraph, digits 33 mm high
- auto ranging function
- USB interface
- HOLD function
- Min./Max. function
- relative measurement function REL
- over range indicator
- low battery indicator
- diode and continuity test with buzzer
- auto power off after 30 min.
- protective holster



Specifications:

Display	: LCD display 3 3/4 digits, capacity 3999 counts, digits 33mm high
Sampling rate	: 3x/s
DC voltage	: 0,1mV...1000V
AC voltage	: 0,1mV...750V
DC current	: 1µA...10A
AC current	: 1µA...10A
Resistance	: 0,1Ω...40MΩ
Capacitance	: 10pF...200pF
Frequency	: 0,01Hz...30MHz
Temperature	: -20°C to 1000°C
Diode test	: test current 1mA / test voltage 3V
Continuity test	: acoustic alarm for R<50 Ω
Dimensions	: 192 x 95 x 48 mm
Weight	: 390 g (with battery)
Supply	: 1,5V LR03, 2 batteries (not included)
Safety	: Cat. IV 600V and Cat. III 1000V

Standard equipment:

- test leads
- temperature probe
- optocable with USB for connecting the multimeter to a PC
- software

AX-150 True RMS 3,5 Digits Digital Multimeters

Features:

- LCD display 3 3/4 digits (3999)
- auto and manual ranging
- automatic power-off
- HOLD function
- MIN/MAX/REL function
- diode and continuity test with buzzer
- low battery indicator
- over range indicator "OL"



Specifications:

Display	: LCD (3999)
Sampling	: 3x/s
AC voltage measuring range	: 1m...4/40/400/750V
DC voltage measuring range	: 0,1m...400m/4/40/400/1000V
AC current measuring range	: 0,1µ...400µ/4000µ/400m/10A
DC current measuring range	: 0,1µ...400µ/4000µ/400m/10A
Resistance measuring range	: 0,1...400/4k/40k/400k/4M/40MΩ
Capacitance measuring range	: 10p...100n/100p/1000µF
Temperature measuring range	: -20...1000°C
Diode test	: 0,5mA, 1,5V
Continuity test	: acoustic signal for R<40Ω
Conform to the norm	: EN61010 600V CAT IV
Weight	: 420 g
Dimensions	: 180 x 91 x 45 mm
Power supply	: 2 batteries 1,5V LR6 (AA)

Standard equipment:

- crocodile clips (red, black)
- test leads
- K-type temperature probe

AX-155 Digital Multimeters with True RMS

Features:

- LCD bargraph display with backlight, 4000 counts, digits 21 mm high
- auto ranging
- HOLD function (holds measurements results on the display)
- Min/Max function
- PEAK function (measurement of short impulse signals shorter than 1ms)
- over range indicator
- low battery indicator
- diode and continuity test with a buzzer
- auto power off after 30 min.
- protective holster



Specifications:

Display	: LCD with 4000 counts, digits 21 mm high
Sampling rate	: 2x/s
DC voltage	: 0.1mV...400mV/4V/40V/400V/1000V
AC voltage	: 0.1mV...400mV/4V/40V/400V/1000V
DC current	: 1µA...400µA/4000µA/40mA/400mA/10A
AC current	: 1µA...400µA/4000µA/40mA/400mA/10A
Resistance	: 0.1Ω...400Ω/4kΩ/40kΩ/4MΩ/40MΩ
Capacitance	: 1pF...4nF/40nF/400nF/4µF/400µF/4mF/40mF
Frequency	: 1Hz...4kHz/40kHz/400kHz/10MHz
Temperature	: -20°C to 760°C
Diode test	: test current 0.1mA / test voltage 3V
Continuity test	: acoustic signal for R < 35 Ω
Dimensions	: 182 x 82 x 55 mm
Weight	: 375 g (with battery)
Supply	: 9V 6F22 battery (not included)
Safety	: Cat. IV 600V and Cat. III 1000V

Standard equipment:

- test leads set with test tips

AX-18B Multimeters with USB Interface

Features:

- auto/manual ranging
- DATA HOLD function
- REL function (differential measurement)
- diode and continuity test with buzzer
- Duty Cycle measurement
- auto power off after 30 min. of idleness with possibility to switch off this function
- low battery indicator
- electronic protection



Specifications:

Display	: LCD 3,5/6(max.6000), digits 14mm high
DC voltage	: 0,1mV...1000V
AC voltage	: 0,1mV...700V(40Hz-500Hz)
DC current	: 0,1µA...10A
AC current	: 0,1µA...10A (40Hz...200Hz)
Resistance	: 0,1Ω...60MΩ
Continuity test	: acoustic alarm for R<50Ω
Diode test	: test current: 1mA / test voltage 1,5V
Capacitance	: 0,01nF...300µF
Frequency	: 0,01Hz...1MHz
Temperature	: -55°C...1000°C
Duty Cycle	: 0,1% to 99,9%
Dimensions	: 180 x 85 x 40 mm
Weight	: about 310 g (with battery)
Supply	: 9V 6F22 battery
Safety	: Cat. II 1000V and Cat. III 600V

Standard equipment:

- test leads set
- test leads set for capacitance measurement
- PC-Link software on CD
- optocable with USB
- temperature probe with ball tip and 4mm banana plugs

Optional equipment:

- soft carrying case

AX-174 Automatic Multimeters True RMS with Auto-Scan Function

Features:

- LCD display with backlight
- measurement of real effective value True RMS
- function of tested element detection - Auto-Scan
- non-contact voltage detector
- HOLD function
- auto and manual ranging
- Min/Max function
- diode and continuity test with buzzer
- auto power off function
- low battery indicator



Specifications:

Display	: LCD 3 5/6 digits with 6000 counts
Sampling rate	: 3x/s
DC voltage	: 100µV...600mV/6V/60V/600V/1000V
AC voltage	: 100µV...600mV/6V/60V/600V/1000V
DC current	: 0,1µA...600µA / 6mA/60mA/600mA / 10A
AC current	: 0,1µA...600µA / 6mA/60mA/600mA / 10A
Resistance	: 0,1Ω...600Ω / 6kΩ/60kΩ/6MΩ/60MΩ
Capacitance	: 1pF...6nF/60nF / 6µF/60µF/6mF / 60mF
Frequency	: 0,001Hz...6kHz/10kHz
Diode test	: test current 1 mA / test volt. 2,8 V
Continuity test	: acoustic alarm for R < 30
Dimensions	: 190 x 90 x 40 mm
Weight	: 500 g (with battery)
Supply	: 9V 6F22 battery (not included)
Safety	: EN61010: Cat. III 1000V, Cat. IV 600V

Standard equipment:

- test leads set

AX-176 Automatic Multimeter True RMS with USB Interface

Features:

- LCD display with backlight
- auto/manual ranging
- real effective value measurement True RMS
- HOLD function
- Min/Max/Rel function
- PEAK HOLD Min/Max function (impulse signals storage)
- USB interface
- diode and continuity test with buzzer
- auto power off
- low battery indicator



Specifications:

Display	: LCD with 6600 counts
Sampling rate	: 3x/s
DC voltage	: 100µV...600mV/6V/66V/660V/1000V
AC voltage	: 100µV...600mV/6V/66V/660V/1000V
DC current	: 0,1µA...660µA/6600µA / 66mA/600mA/10A
AC current	: 0,1µA...660µA/6600µA / 66mA/600mA, 10A
Resistance	: 0,1Ω...6600Ω / 6,6kΩ/66kΩ/660kΩ / 6,6MΩ, 66MΩ
Capacitance	: 1pF...6,6nF/66nF / 6,6µF/66µF/660µF
Frequency	: 0,001Hz...66Hz/660Hz/6,6kHz/66kHz/660kHz
Temperature	: -6,6MHz/66MHz
Filling rate	: 55...1000°C
Diode test	: test current 1 mA / test volt. 2,8 V
Continuity test	: acoustic alarm for R < 300
Dimensions	: 190 x 90 x 40 mm
Weight	: 500 g (with battery)
Supply	: 9V 6F22 battery (not included)
Safety	: EN61010: Cat. III 1000V, Cat. IV 600V

Standard equipment:

- test leads set
- software
- optocable with USB
- K-type probe with ball tip
- adapter banana plug - socket K-type

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AX-178 Professional Digital Multimeters with True RMS and IrDa Interface



Features:

- LCD display, capacity 50 000 counts
- low battery indicator
- auto/manual ranging
- HOLD function
- Min./Max. function, for relative measurement
- diode and continuity test
- resistance measurement resolution 0,01 Ω
- voltage measurement
- resolution 1 µV
- measure DC and AC voltage up to 1000V
- measure true RMS for AC/DC
- measure frequency of linear and rectangular waveforms
- measure capacitance to 5 mF
- measure gain (loss)
- measure duty cycle factor
- acoustic indication in case of incorrect test leads connection
- auto power off
- IrDa interface

Specifications:

Display	: LCD with capacity 50000 counts
AC voltage/DC + AC	: 0,001mV...1000V
Bandwidth	: 40 Hz - 20 kHz
DC voltage	: 0,001mV...1000V
AC current/DC + AC	: 0,01µA...10A
Bandwidth	: 40 Hz - 20 kHz
DC current	: 0,01µA...10A
Resistance	: 0,01Ω...50MΩ
Capacitance	: 0,01nF...5000µF
Frequency	: 5Hz - 200kHz linear waveform
Sensitivity	: 100 mV
Frequency	: 5 Hz - 2 MHz rectangular waveform
Sensitivity	: Vp - 2 - 5 V
Duty cycle	: 0,01%...5% - 95%
Waveform frequency	: 5 Hz - 500 kHz
Diode test	: 0,1 mV...2,5 V
Continuity test	: acoustic alarm for R<50 Ω
Dimensions	: 200 x 100 x 40 mm
Weight	: 560 g (with batteries)
Supply	: 1,5 V R03, 6 batteries
Safety	: Cat. III 1000V

Standard equipment:

- soft carrying case
- test leads set with insulated clips
- test leads set with test tips
- optocable with USB for connecting the multimeter to a PC
- software running under Windows 98/2000/NT/XP OS

AX-T520 Digital Multimeters with LAN Tester

Features:

- large LCD display with backlight
- LAN testing function (RJ45 connection) and telephone lines testing function
- HOLD function (holds measurements results on the display)
- continuity test with buzzer
- manual ranging
- battery tester 1,5V, 6V, 9V
- low battery indicator



Specifications:

Display	: LCD 3,5 digits (3999) digits 15mm high
DC voltage	: 200mV/2V/20V/200V/1000V
AC voltage	: 200mV/2V/20V/200V/750V
DC current	: 0,2mA/2mA/20mA/200mA/10A
AC current	: 0,2mA/2mA/20mA/200mA/10A
Resistance	: 200Ω/2kΩ/20kΩ/200kΩ
Continuity test	: acoustic signal for R < 70Ω
Dimensions	: 185 x 85 x 44 mm
Weight	: 360 g (with battery)
Supply	: 9V 6F22 battery (not included)
Safety	: EN61010: Cat. II 600V, Cat. III 300V

Standard equipment:

- test leads set
- adaptor for LAN network testing

AX-503 Multimeters - SMD Measurement Tweezers



Features:

- low battery indicator
- diode test
- measures resistance and capacitance
- relative measurement function
- auto power off

Specifications:

Display	: LCD 3,75 digits (6000)
Resistance	: 0,1Ω...40MΩ
Capacitance	: 1pF...200μF
Dimensions	: 181 x 35 x 20 mm
Weight	: 65 g (with battery)
Supply	: 1,5V LR44, 2 batteries

AX-8450 High Precision Table Multimeters 4,5 digits True RMS

Features:

- auto ranging
- high precision
- HOLD function (holds measurements results on the display)
- Min./Max./Rel. function
- dBm and dB measurement
- diode and continuity test with buzzer
- relative measurement
- manual, automatic or external trigger
- remote interface RS-232C
- USB interface
- SCPI programming language



Specifications:

Display	: dual LCD 4,5 digits
Sampling rate	: to 25x/s
DC voltage	: 10µV...200mV/2V/20V/200V/1000V
AC voltage	: 10µV...200mV/2V/20V/200V/750V
DC current	: 0,1µA...2mA/20mA/200mA/2A/20A
AC current	: 0,1µA...2mA/20mA/200mA/2A/20A
Resistance	: 0,01Ω...200Ω/2kΩ/20kΩ/200kΩ
Capacitance	: 2MΩ/20MΩ

Standard equipment:

- test leads set
- supply cable

Frequency	: 0,0001Hz...10Hz/100Hz/100kHz/1MHz
Diode test	: current test 0,5 mA / voltage test 2 V
Continuity test	: acoustic signal for R < 10 Ω
Dimensions	: 225 x 100 x 355 mm
Weight	: 2,2 kg
Supply	: 110/220V ±10%

AX-C709 Multimeters with Calibrator Function

Features:

- auto and manual ranging
- automatic power-off
- HOLD function
- backlit LCD
- diode and continuity test with buzzer
- compatible with 8 types of thermocouples: J, K, T, E, R, S, B, N
- selection of Celsius or Fahrenheit units
- low battery indicator
- RTD and resistance simulation
- DC Voltage Output
- Frequency Output



Specifications:

Display	: LCD (3999)
AC voltage measuring range	: 0,01m...400m/4/40/400V
DC voltage measuring range	: 0,01m...40m/400m/4/40/400V
AC current measuring range	: 0,01m...40m/400mA
DC current measuring range	: 0,01m...40m/400mA
Resistance measuring range	: 0,1...400/4k/40k/400k/4M/40MΩ
Frequency measuring range	: 0,01...50/500/5k/50k/100kHz
Temp. measuring range (with E-type thermocouple)	: -200...500°C
Temp. measuring range (with J-type thermocouple)	: -200...700°C
Temp. measuring range (with K-type thermocouple)	: -200...1370°C
Temp. measuring range with N-type thermocouple	: -200...1300°C
Temp. measuring range (with R-type thermocouple)	: -40...1760°C
Temp. measuring range (with T-type thermocouple)	: -200...400°C
Temp. measuring range (with S-type thermocouple)	: -20...1760°C
Voltage source	: -0,5V to 5,5V
Current source	: 4mA...20mA
Conform to the norm	: EN61010 600V CAT II
Weight	: 500 g
Dimensions	: 205 x 95 x 42 mm
Power supply	: 4 batteries 1,5V LR03 (AAA)

AX-C708 Multimeters with Calibrator Function

Specifications:

Display	: LCD (3999)
AC voltage measuring range	: 0,01m...400m/4/40/400V
DC voltage measuring range	: 0,01m...40m/400m/4/40/400V
AC current measuring range	: 0,01m...40m/400mA
DC current measuring range	: 0,01m...40m/400mA
Resistance measuring range	: 0,1...400/4k/40k/400k/4M/40MΩ
Frequency measuring range	: 0,01...50/500/5k/50k/100kHz
Diode test	: 0,2mA, 1V
Continuity test	: acoustic signal for R < 50Ω
Voltage source	: -50mV to 550mV
Loop source	: 5-28V
Current source	: -22mA to 22mA
Weight	: 500 g
Dimensions	: 205 x 95 x 42 mm
Power supply	: 4 batteries 1,5V LR6 (AA)
Conform to the norm	: EN61010 600V CAT II

Features:

- auto and manual ranging
- automatic power-off
- HOLD function
- backlit LCD
- diode and continuity test with buzzer
- low battery indicator



AX-507B Forceps R/C for SMD with Auto-Scan Function



Features:

- auto/manual ranging
- function of tested element detection - Auto-Scan
- diode and continuity test with buzzer
- over range indicator
- auto power off
- low battery indicator

Specifications:

Display	: LCD 3,75 digits (6000) digits 13 mm high
Sampling rate	: 3 x/s
Resistance	: 0,1Ω...300Ω/600Ω : 3kΩ/6kΩ/30kΩ/60kΩ/300kΩ/600kΩ
Capacitance	: 3mF/6mF/30mF/60mF : 1pF...3nF/6nF/30nF/60nF/300nF/600nF, : 3μF/6μF/30μF/60μF/300μF/600μF, : 3mF/6mF/30mF/60mF
Diode test	: current test 1 mA / test volt. 2 V
Continuity test	: acoustic signal for R < 50 Ω
Dimensions	: 181 x 35 x 20 mm
Weight	: 65 g (with battery)
Supply	: 1,5 V LR44, 2 batteries (not included)

Standard equipment:

- soft carrying case with belt holder

AX-200 AC Clamp Meters



Features:

- autoranging
- automatic power-off
- HOLD function
- diode test
- overflow indicator
- overload protection
- cable integrity test
- low battery indicator

Specifications:

Display	: LCD (1999) 3.5 digits
AC current measuring range	: 2/20/200A
AC voltage measuring range	: 2/20/200/600V
DC voltage measuring range	: 200m/2/20/200/600V
Resistance measuring range	: 200/2k/20k/200k/2M/20MΩ
Max. diameter of measured cable	: 21 mm
Conform to the norm	: EN61010 600V CAT III
Weight with battery	: 135 g
Dimensions	: 130 x 61 x 24 mm
Power supply	: 3 batteries 1,5V LR03 (AAA)

Standard equipment:

- user's manual
- case
- test leads

AX-LCR41A Precision Bridges RLC



Features:

- Double LCD display 5 digits
- manual ranging RANGE function
- auto ranging with locking
- parallel and serial circuit equivalent
- HOLD function (holds measurements results on the display)
- multi-frequency correction of idle state and short - circuit state
- over range indicator
- low battery indicator
- buzzer

Specifications:

Display	: Dual LCD 5 digits
Sampling rate	: 3 x/s
Resistance	: 0.0001Ω - 9.999MΩ
Impedance	: 0.0001Ω - 9.999MΩ
Capacitance	: 0.1pF - 9999pF
Inductance	: 0.1μH - 9999H
Quality and diffusion factor	: 0.0001 - 9999
Measuring frequencies	: 100Hz, 120Hz, 1kHz
Dimensions	: 200 x 95 x 40 mm
Weight	: 400 g
Supply	: 1,5V LR03 battery (not included)

Standard equipment:

- 12V DC power supply
- 4-lead Kelvin clips

AX-202 400A AC Clamp Meters with Thermometer



Features:

- jaw opens to Ø30mm
- resolution 0,001A
- non-contact voltage detector
- diode and continuity test with buzzer
- HOLD function (display hold)
- MAX function (max. value hold)
- low battery indicator
- over range indicator
- auto power off
- display with backlight
- temperature measurement (°C or °F)

AX-203 400 A AC/DC Clamp Meters with Thermometer



Features:

- max. diameter for cable Ø30 mm
- resolution 0,01 A
- non-contact voltage detector
- diode and continuity test with buzzer
- HOLD function
- low battery indicator
- overrange indicator
- auto power off
- display with backlight
- display zeroing function in DC measurements
- temperature measurement (°C or °F)

Specifications:

Display	: LCD with 1999 counts
AC current	: 0,001A...400A
AC/DC voltage	: 0,1mV...600V
Resistance	: 0,1Ω...20MΩ
Capacitance	: 0,01nF...100μF
Frequency	: 10MHz
Temperature	: -20°C...760°C
Diode test	: test current 0,3mA / test voltage 1,5V
Continuity test	: acoustic alarm for R < 150 Ω
Dimensions	: 197 x 70 x 40 mm
Weight	: 183 g (with battery)
Supply	: 9V 6F22 battery
Safety	: EN-61010-1, Cat. III 600V

Standard equipment:

- test leads set
- soft carrying case
- K-type temperature probe

AX-LCR42A RLC Bridges



Features:

- automatic power-off
- bargraph
- HOLD function
- double backlit LCD
- parallel or serial measurement
- selectable parallel or serial equivalent circuit
- calibration function
- measurement quality factor Q, dissipation factor D and phase angle θ
- REL function

Specifications:

Display	: double LCD (19.999/1999) digits
Measurement frequency	: 100Hz/120Hz/1kHz/10kHz/100kHz
Resistance measuring range	: 20...200MΩ
Capacitance measuring range	: 200p...200M
Inductance measuring range	: 200p...200H
Power supply	: 6 batteries 1,5V LR03 (AAA), mains power supply

Standard equipment:

- batteries
- four-wire Kelvin clips
- user's manual

AX-380 AC/DC Clamp Meters up to 2000A

Features:

- automatic power-off
- HOLD function
- display zeroing function in DCA measurements
- diode and continuity test with buzzer
- low battery indicator
- REL function

Specifications:

Display	: LCD 3,5 digit (3999)
Max. diameter of measured cable	: 55 mm
AC current measuring range	: 400/2000A
DC current measuring range	: 400/2000A
AC voltage measuring range	: 400m/4/40/400/750V
DC voltage measuring range	: 400m/4/40/400/1000V
Resistance measuring range	: 400/4k/40k/400k/4M/40MΩ
Capacitance measuring range	: 40n/400n/4μ/40μ/100μF
Frequency measuring range	: 5,12/51,2/512/5,12k/5,12k/512kHz
Conform to the norm	: EN61010 600V CAT III
Weight	: 565 g
Dimensions	: 275 x 96 x 50 mm
Power supply	: 1 battery 9V 6F22

Standard equipment:

- test leads

AX-355 Clamp Meters 1000A AC/DC with True RMS and Thermometer

Features:

- jaw opens to Ø30 mm
- diode and continuity test with buzzer
- HOLD function
- low battery indicator
- overrange indicator
- auto power off
- display with backlight
- display zeroing function in DC measurements
- Peak Hold function
- temperature measurement (°C or °F)
- automatic or manual ranging
- overload protection

Specifications:

Display	: LCD 3,75 digits (3999)
DC current	: 41-segment bargraph
AC current	: 0,01A...40A / 1000A
DC voltage	: 0,01A...40A / 1000A
AC voltage	: 0,1mV...600V
Resistance	: 0,1Ω...40MΩ
Frequency	: 0,001kHz...4kHz
Capacitance	: 0,001nF...40mF
Temperature	: -40°C...1000 °C
Dimensions	: 229 x 80 x 49 mm
Weight	: 303 g
Supply	: 9V 6F22 battery
Safety	: EN-61010-1, Cat. III 600V

Standard equipment:

- test leads set
- soft carrying case
- temperature probe



AX-353 600A AC Clamp Meters

Features:

- auto and manual ranging
- automatic power-off
- continuity test with buzzer
- diode test
- overflow indicator
- low battery indicator

Specifications:

Display	: LCD 3 3/4 digits (3999)
Max. diameter of measured cable	: 38 mm
AC current measuring range	: 400/500A
AC voltage measuring range	: 400m/4/40/400/600V
DC voltage measuring range	: 400m/4/40/400/600V
Resistance measuring range	: 400/4k/40k/400k/4M/40MΩ
Temperature measuring range	: -20°C...+800°C
Capacitance measuring range	: 40/400n/4μ/40μ/100μF
Frequency measuring range	: 4/40/400/4k/400/400/4M/10MHz
Duty cycle factor	: 0,1...99,9%
Conform to the norm	: EN61010 600V CAT II
Weight	: 357 g
Dimensions	: 190 x 55 x 24 mm
Power supply	: 3 batteries 3V CR2032

Standard equipment:

- case
- test leads



AX-354 AC/DC Clamp Meters up to 1000A

Features:

- automatic power-off with disable function
- continuity test with buzzer
- backlit LCD
- diode test
- cable integrity test
- low battery indicator

Specifications:

Display	: LCD 3 3/4 digits (4000)
Max. diameter of measured cable	: 38 mm
DC current measuring range	: 400/1000A
AC current measuring range	: 400/1000A
AC voltage measuring range	: 400m/4/40/400/600V
DC voltage measuring range	: 400m/4/40/400/600V
Resistance measuring range	: 400/4k/40k/400k/4M/40MΩ
Frequency measuring range	: 10/100/1000/10k/100k/1MHz
Weight	: 150 g
Dimensions	: 190 x 64 x 24 mm
Power supply	: 3 batteries 3V CR2032
Conform to the norm	: EN61010 600V CAT II

Standard equipment:

- case
- test leads



AX-356 1000A AC/DC Clamp Meters with True RMS and Temperature Measurement

Features:

- auto and manual ranging
- automatic power-off
- large, backlit LCD
- HOLD function
- MIN/MAX function
- PEAK HOLD function
- display zero adjustment in DC measurements
- diode and continuity test with buzzer
- overflow indicator
- overload protection
- measures true RMS
- of the current up to 1000A AC
- selection of Celsius or Fahrenheit units
- low battery indicator

Specifications:

Type of display used	: LCD 3,75 digit (4000)
Max. diameter of measured cable	: 52 mm
Sampling	: 2x/s
Bargraph	: 41 segm.
DC current measuring range	: 0,01...40/400/1000A
AC current measuring range	: 0,01...400m/4/40/400/600V
DC voltage measuring range	: 0,1m...400m/4/40/400/600V
AC voltage measuring range	: 0,1m...400m/4/40/400/600V
Resistance measuring range	: 0,1...400/40k/400k/4M/40MΩ
Capacitance measuring range	: 0,001n...4n/40n/400n/4μ/40μ/400μF
Frequency measuring range	: 1...4kHz
Temperature measuring range	: -20...760°C
Diode test	: 0,3mA, 3V
Continuity test	: acoustic signal for R<40Ω
Weight without batteries	: 449 g
Dimensions	: 270 x 100 x 47 mm
Power supply	: 1 battery 9V 6F22
Conform to the norm	: EN61010 1000V CAT III, EN61010 600V CAT IV

Standard equipment:

- case
- test leads
- drop-like K-type temperature probe



Specifications:

Display	: LCD 4 digits
AC voltage measuring range	: 0,1...100/400/750V
AC current measuring range	: 0,1...40/100/400/1000A
Frequency measuring range	: 50...200Hz
Active power measurement	: 0,6...750kW
Reactive power measurement	: 0,6...750kVAR
Apparent power measurement	: 0,6...750kVA
Power factor measurement	: 0,3...1
Phase angle measurement	: 0...90°
Max. diameter of measured cable	: 55 mm
Dimensions	: 295 x 100 x 46 mm
Weight without batteries	: 537 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 300V CAT IV, EN61010 600V CAT III

Standard equipment:

- USB cable
- test probes
- 4 crocodile clips
- software
- case
- test leads



AX-355 1000A AC True RMS clamp watt meter

Features:

- large, backlit LCD with bargraph
- autoranging
- automatic power-off
- HOLD function
- MIN/MAX function
- USB interface
- measures active, reactive and apparent power, power factor and phase angle
- measures true RMS AC
- overload protection
- contactless voltage detector
- 99 measurement memory

Specifications:

Display	: LCD 4 digits
AC voltage measuring range	: 0,1...100/400/750V
AC current measuring range	: 0,1...40/100/400/1000A
Frequency measuring range	: 50...200Hz
Active power measurement	: 0,6...750kW
Reactive power measurement	: 0,6...750kVAR
Apparent power measurement	: 0,6...750kVA
Power factor measurement	: 0,3...1
Phase angle measurement	: 0...90°
Max. diameter of measured cable	: 55 mm
Dimensions	: 295 x 100 x 46 mm
Weight without batteries	: 537 g
Power supply	: 1 battery 9V 6F22
Safety	: EN61010 300V CAT IV, EN61010 600V CAT III

Standard equipment:

- USB cable
- test probes
- 4 crocodile clips
- software
- case
- test leads

AX-2040 Clamp Meters

Specifications:

Display	: LCD (4000)
DC voltage measuring range	: 4...400V
AC voltage measuring range	: 4...600V
AC current measuring range	: 40/400A
Resistance measuring range	: 400/4M/40MΩ
Power supply	: 2 batteries 1,5V LR06 (AA)
Safety	: EN61010 600V CAT III
Pollution degree	: 2

Standard equipment:

- case
- test leads

Features:

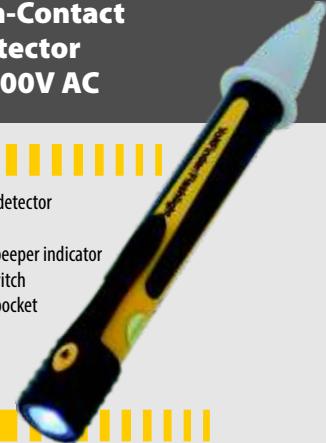
- large, backlit LCD
- autoranging
- HOLD function
- overflow indicator
- contactless voltage detector
- low battery indicator
- automatic selection of measurand
- memory for 10 measurements



AX-T01 Non-Contact Voltage Detector for 200 - 1000V AC

Features:

- non-contact voltage detector for 200-1000V AC
- red LED and audible beeper indicator
- built-in torch with switch
- with clamp, e.g.: for pocket fastening
- rugged, double protective holster



AX-M266C Clamp Meters for 1000 A AC with Thermometer

Specifications:

Display	: 3 1/2 digits LCD
AC current	: 0,01...20/200/1000A
DC voltage	: 0,1...200mV / 20/200/1000V
AC voltage	: 0,1...200/600V(50Hz-500Hz)
Resistance	: 0,1...200/20k/2MΩ
Temperature	: 0°C...750°C
Continuity test	: acoustic alarm for R<50 Ω
Dimensions	: 230 x 90 x 43 mm
Weight	: 320 g (with battery)
Supply	: 9V 6F22 battery

Standard equipment:

- test leads set
- soft carrying case
- K-type temperature probe with ball tip

Features:

- jaw opens to Ø54 mm
- resolution for AC current range from 0,01 A
- DATA HOLD function
- overrange indicator
- low battery indicator



AX-T02 Magnetic Field Detectors with Flashlight

Features:

- magnetic field detection
- built-in torch with switch
- red LED for non-contact voltage detection
- with clamp, e.g.: for pocket fastening
- rugged, double protective holster



AX-T2090 Cable Locators Transmitter / Receiver

Features:

- large readable transmitter display with backlight shows signal level, transmission code and detected voltage value
- receiver display with backlight shows signal level, transmission code and detected voltage value
- finding cables in walls, cables discontinuities and short-circuits
- finding cable lines in the ground
- detecting fuses and tracking of the actual circuit
- tracking flush mounting sockets and boxes
- locating circuits discontinuities and short-circuits
- tracking water-main and heating pipes
- live and break cables detecting without necessity of use of additional equipment
- automatic and manual sensitivity regulation
- sound signalling with disable option
- auto power off
- measured point illumination function



Standard equipment:

- hard, carrying case
- test leads

Specifications:

Transmitter	: LCD
Display	: 12-400V
Voltage measurement	: 12-400V
Frequency range	: 0-60Hz
Output signal	: 125kHz
Dimensions	: 130 x 69 x 33 mm
Weight	: 130 g
Supply voltage	: 9V 6F22 battery (not included)

Receiver

Display	: LCD with options and bargraph
Detection depth	: depends on material and application
Detection mode	: about 0-2m (unipolar operation)
Voltage detection	: about 0-0,5m (bipolar operation)
Dimensions	: 192 x 61 x 37 mm
Weight	: 180g
Supply voltage	: 9V 6F22 battery (not included)
Safety	: Cat. III 300V

AX-903 Voltage, Metal and Wood Detectors

Features:

- device for locating wooden and metal objects and live wires to the depth of 19 mm
- acoustic and visual signaling on LCD
- LED display for continuous detection of live wires
- 180° rotary head with laser indicators
- 6-meter laser beam
- built-in classic level line
- ergonomic shape ensuring comfortable and precise operation
- auto calibration function for wood and metal detection
- auto power off
- low battery indicator
- rugged housing



Specifications:

Indicators	: LED and beeper
Detection accuracy:	
- Wood	: 0,3cm
- Metal	: 0,6cm
Laser beam length	: up to 6m
Laser accuracy	: 1,27cm at 6 m
Dimensions	: 180 x 76 x 38 mm
Weight	: 180g
Supply voltage	: 9V battery, type 6F22

AX-6520 Infrared Thermometers with Laser Sight and Display with Backlight



Features:

- laser sight
- dual LCD display with backlight
- measuring range up to 500°C
- optical resolution 8:1
- selectable °C and °F
- Min/Max/Mean/Rel function
- acoustical indication of set
- High/Low threshold values
- HOLD function
- TAMB function (ambient temperature measurement)
- low battery indicator
- auto power off

Specifications:

Display	: LCD with backlight
Temperature/ Spectral range	: -50°C...+500°C / 8-14μm
Resolution	: 0,2°C
Repeatability	: ± 1°C or ±1% of readout
Accuracy	: ±3,5°C or ±2%
Typical distance to measured point	: up to 1,5m
Emissivity	: fixed 0,95
Weight:	: 196 g (with battery)
Dimensions:	: 179 x 162 x 47 mm
Supply volt.	: 9V 6F22 battery

Standard equipment:

- soft carrying case

AX-T901 Electrical Testers



Features:

- low impedance test
- test RCDs up to 30mA
- polarization indicator

Specifications:

Display	: LED bargraph indicating 7 voltage levels
DC voltage measuring range	: 6/12/24/50/120/230/400V
AC voltage measuring range	: 6/12/24/50/120/230/400V
Bandwidth for AC voltage measurements	: 0...60Hz
Sealing	: IP64
Dimensions	: 240 x 78 x 40 mm
Weight without batteries	: 237 g

AX-7510 Infrared Thermometers with Adjustable Emissivity



Features:

- backlit LCD
- automatic power-off
- HOLD function
- MIN/MAX/MEDIUM function
- laser sight
- adjustable emissivity
- selection of Celsius or Fahrenheit units
- low battery indicator

Specifications:

Display	: LCD
Optical resolution	: 12:1
Emissivity value	: 0,1...1
Non-contact temperature measuring range	: -20...550°C
Non-contact temperature measuring resolution	: 0,1°C
Weight	: 125 g
Dimensions	: 97 x 43 x 160 mm
Power supply	: 1 battery 9V

AX-7520 Infrared Thermometers with Adjustable Emissivity



Features:

- laser sight
- optical resolution 12:1
- selectable °C and °F
- low battery indicator
- HOLD function
- Min/Max/Mean/Max-Min function
- auto power off after 10 sec.
- Socket for mounting on a stand

Specifications:

Display	: LCD, white backlight, 4 digits
Temperature	: -20°C to 537°C -4°F to +999°F
Spectral range	: 8 - 14 μm
Emissivity	: 0,10 to 1,00 resolution 0,01
Dimensions	: 162 x 56 x 190 mm
Weight	: 260 g (with battery)
Supply volt.	: 9V 6F22 battery

Standard equipment:

- soft carrying case

AX-T902 Appliance Testers



Features:

- RCD's test up to 30 mA
- polarisation indicator
- AC/DC voltage indicator
- low impedance test
- phase sequence test
- autotest
- torch function
- voltage detection without battery
- continuity test

Specifications:

Display	: bargraph with 8 voltage thresholds
Measurement range	: 12/24/36/50/120/230/400 690V AC/DC
Response time	: < 0,1 s
Continuity test	: R < 300 kΩ
Input impedance	: ≤ 6 kΩ
Frequency	: 50 Hz / 60 Hz
Dimensions	: 240 x 78 x 40 mm
Weight	: 237 g
Supply	: 1,5V LR03 (AAA), 2 batteries
Safety	: Cat. III 1000V, Cat. IV 600V
Protection degree	: IP64

Standard equipment:

- test leads set
- soft carrying case

AX-T903 Appliance Testers with LCD Display



Features:

- LCD display with bargraph
- phase sequence test
- continuity test
- low impedance test
- display with backlight
- polarisation indicator
- AC/DC voltage indicator
- low battery indicator
- torch function

Specifications:

Display	: LCD 3,5 digits (1999)
Sampling rate	: 2 ~ 3 x / sec.
Measurement ranges	: 1V...6V/12V/24V/50V/120V/230V /400V/690V AC/DC
Threshold of auto switch on	: 4,5 V
Input current	: ≤ 3 mA at 690 V AC : ≤ 2,5 mA at 690 V DC
Input impedance	: ≤ 1 MΩ
Continuity test	: R < 300 kΩ
Dimensions	: 240 x 78 x 40 mm
Weight	: 237 g
Supply	: 1,5 V LR03 (AAA), 2 batteries
Safety	: Cat. III 1000V, Cat. IV 600V
Protection degree	: IP64

Standard equipment:

- test leads set
- soft carrying case

AX-7530 Infrared Thermometers with Adjustable Emissivity, 13:1

Features:

- dual LCD display with backlight
- laser sight
- optical resolution 13:1
- temperature resolution 0,1°C (0,1°F)
- HOLD function
- Selectable °C and °F
- emissivity adjustment from 0,1 to 1,0
- contact temperature measurement with use of K-type thermocouple
- memory of 20 measurements
- auto power off
- low and high temperature alarm function
- continuous measurement lock
- over range indicator
- laser indicator power off function
- low battery indicator
- protective holster
- MAX, MIN, DIF, AVG record function enabling display of maximum, minimum and average values as well as the difference between MAX and MIN values



Specifications:

Display	: LCD with backlight
IR temperature range	: -32°C to 480°C (-25,6°F to 896°F)
K-type temperature probe	: -50°C to 1370°C (-58°F to 2498°F)
Display resolution	: 0,1°C/0,1°F
Optical resolution	: 13:1
Spectral range	: 8-14μm
Emissivity	: from 0,10 to 1,00/ resolution 0,01
Dimensions	: 100 x 56 x 230mm
Weight	: 290g
Supply	: 9V 6F22 battery (not included)

Standard equipment:

- K-type temperature probe

AX-T2400 Insulation Testers 125/250/500/1000V to 4000Mohm

Features:

- large, dual LCD with backlight and bargraph
- HOLD function (holds measurements result on the display)
- Min/Max function
- auto ranging
- continuity test with buzzer
- measuring voltage lock
- overvoltage protection
- display zeroing function
- auto power off
- low battery indicator
- anti-stroke function (holster)



Specifications:

Display	: LCD
Sampling rate	: 2,5 x/s
Testing voltage	: 1000V for range 1MΩ...4000MΩ : 500V for range 0,5MΩ...4000MΩ : 250V for range 0,25MΩ...4000MΩ : 125V for range 0,125MΩ...4000MΩ
DC voltage	: 1V...1000V
AC voltage	: 1V...750V
Resistance	: 0,125MΩ...4MΩ, 40MΩ, 400MΩ, 4000MΩ
Continuity test	: acoustic signal for R < 35 Ω
Dimensions	: 200 x 92 x 50 mm
Weight	: 700 g (with batteries)
Supply	: 1,5 V LR06 (AA), 6 batteries

Standard equipment:

- test leads set
- hard carrying case

AX-TI220 Multimeters with Insulation Resistance Tester to 1kV

Features:

- large, backlit LCD
- auto and manual ranging
- automatic power-off
- wide test voltages selection
- HOLD function
- MIN/MAX function
- overload protection
- measures frequency, capacitance and temperature
- measures true RMS AC/DC
- diode and continuity test with buzzer



Specifications:

Test voltage	: 50VDC (for 0,05M...50MΩ range)
	: 100VDC (for 0,1M...100MΩ range)
	: 250VDC (for range 0,25M...250MΩ)
	: 500VDC (for range 0,5M...500MΩ)
	: 1000VDC (for range 1M...2GΩ)
Insulation resistance	: 0,05M...0,1M/0,25M/0,5M/1M/10M/100M/2GΩ
measuring ranges	: 0,1μ...500μ/500μ/50m/500m
Type of display used	: LCD (5000)
AC voltage measuring range	: 0,1m...500m/5/50/500/1000V
Bandwidth for AC voltage measurements	: 40Hz...400Hz
DC voltage measuring range	: 0,1m...500m/5/50/500/1000V
AC current measuring range	: 0,1μ...500μ/500μ/50m/500m
DC current measuring range	: 0,1μ...500μ/500μ/50m/500m
Resistance measuring range	: 0,1...500/5k/50k/500k/5M/50MΩ
Capacitance measuring range	: 0,01n...50n/500n/5μ/50μ/500μ/1000μF
Frequency measuring range	: 0,001...5/2MHz
Temperature measuring range	: -40...537°C
Temperature measurement resolution	: 0,1°C
Diode test	: 0,7mA, 2,5V
Continuity test	: acoustic signal for R < 25Ω
Pollution degree	: 2
Body dimensions	: 200 x 100 x 40 mm
Weight with battery	: 560 g
Power supply	: 6 batteries 1,5V LR03 (AAA)
Supply	: EN61010 1000V CAT III

Standard equipment:

- test probes
- 2 crocodile clips
- case
- temperature probe

AX-7550 Multifunctional Video Pirometers up to 1600°C

Specifications:

Type of display used	: LCD TFT 2,2" (320x240) colour
Non-contact temperature measuring range	: -50...1600°C
Non-contact temperature measuring resolution	: 0,1 (within -50...1000°C range), 1°C (within 1000...1600°C range)
Emissivity value	: 0,1...1
Optical resolution	: 50:1
Temperature measuring range for contact temperature measurement	: -50...1370°C
Air humidity measurement	: 0...100% RH
Dimensions	: 125 x 58 x 205 mm
Weight without batteries	: 494 g
Power supply	: built-in battery

Standard equipment:

- USB cable;
- carrying case;
- drop-like K-type temperature probe

Features:

- backlit LCD
- automatic power-off
- measures temperature without leads or by means of K-type probe
- HOLD function
- MIN/MAX/MEDIUM function
- measures dew-point
- USB interface
- date and time setting possibility
- constant measurement (interlocking of measurement release button)
- settable MIN/MAX alarm thresholds
- memory built-in
- ambient temperature measurement
- saving in JPEG, 3GP formats
- temperature difference measurement
- data logger function
- laser sight
- adjustable emissivity
- option of memory card connection SD(8GB)



AX-7531 Infrared Thermometers with Adjustable Emissivity, 20:1

Features:

- double LCD display with backlight
- double laser sight
- optical resolution 20:1
- HOLD function
- selectable °C and °F
- emissivity adjustment from 0,1 to 1,0
- maximum value display function
- low and high temperature alarm
- continuous measurement lock
- over range indicator
- laser indicator power off function
- auto power off
- low battery indicator
- protective holster



Specifications:

Display	: LCD with backlight
Temperature range	: -50°C to 800°C (-58°F to 1472°F)
Display resolution	: 0,1°C/0,1°F
Spectral range	: 8-14μm
Emissivity	: from 0,10 to 1,00 / resolution 0,01
Dimensions	: 146 x 104 x 43mm
Weight	: 163g
Supply	: 9V 6F22 battery

AX-B100 Borescopes

Features:

- inspection camera
- USB interface
- built-in LEDs for measurement spot illumination

Specifications:

Probe diameter	: 12 mm
Cable length	: 1 m
Sealing	: IP67
Operating temperature	: 0...45°C
Weight	: 362 g
Dimensions	: 266 x 73 x 80 mm
Power supply	: from USB port



Standard equipment:

- USB cable
- fixtures: mirror, hook, magnet
- video cable

AX-B150 Borescopes

Features:

- USB interface
- built-in LEDs for measurement spot illumination
- low battery indicator
- TV-Out (NTSC)

Specifications:

Display	: LCD 2,4" (320x240)
Probe diameter	: 12 mm
Cable length	: 1 m
Sealing	: IP67
Weight	: 360 g
Dimensions	: 266 x 95 x 66 mm
Power supply	: 4 batteries 1,5V LR6 (AA)



Standard equipment:

- USB cable
- fixtures: mirror, hook, magnet
- video cable

AX-B350 Borescopes

Features:

- automatic power-off
- USB interface
- date and time setting possibility
- flexible cord
- TV-Out (PAL/NTSC)
- JPEG, AVI recording format
- built-in LEDs for measurement spot illumination
- digital zoom x 4
- built-in 64MB memory

Standard equipment:

- USB cable
- fixtures: mirror, hook, magnet
- software
- video cable



Specifications:

Display	: LCD 3,5" (320x240)
Probe diameter	: 12 mm
Cable length	: 1 m
Sealing	: IP67
Operating temperature	: 0...45°C
Weight	: 405 g
Dimensions	: 270 x 75 x 100 mm
Power supply	: 4 batteries 1,5V LR6 (AA)

AX-BC3 Extension Cables for AX-B250 Video Borescopes



Features:

- Test accessories type : extension cable for video borescope
- Probe dia. : 17 mm
- Cable len. : 3 m
- Application : AX-B250

AX-BC6MM-1 Extension Probes for AX-B250 Video Borescopes



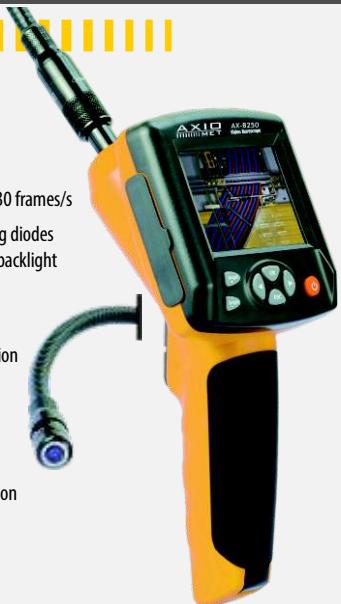
Features:

- Test accessories : boroscope probe with camera
- Application : AX-B250
- Probe diameter : 6 mm
- Cable length : 1 m

AX-B250 Video Borescopes with 17mm LCD 3,2" Camera

Features:

- LCD 3,2" TFT 320x240 display
- pictures and video image taking
- video image refresh 30 frames/s
- built-in 4 illuminating diodes with the adjustable backlight
- pictures and video image record
- image rotation function
- video output
- USB 2.0 interface
- date and time tag
- auto power off function



Specifications:

Display	: LCD 3,2" TFT 320x240
Focus range	: 5-15cm
Cable length	: 1m
Camera diameter	: 17mm
Number of colors	: 24
Video camera format	: MPEG4/3GP/AVI/ASF
Pictures format	: JPEG, JPG
Storage pictures format	: JPG (640x480)
Built-in flash memory	: 65M
SD card	: MAX 32GB
Flash card	: MAX 8GB
TV output	: PAL/NTSC
Dimensions	: 240 x 100 x 160 mm
Weight	: 65 g (with battery)
Supply	: 3,7V,2000mA/h Li battery

Standard equipment:

- battery
- USB cable
- charger
- video cable

Optional equipment:

- 3 meters AX-BC3 cable for video borescope

AX-BC9MM-1 Extension Probes for AX-B250 Video Borescopes



Features:

- Test accessories : boroscope probe with camera
- Application : AX-B250
- Probe diameter : 9 mm
- Cable length : 1 m

TESTER-MS6811 LAN Cable Tester



Features:

- 10-LED indicator
- UTP, STP cables test
- continuity and wires configuration test
- connections map test: discontinuity, short circuit, reversed pairs, crossed pairs, separated pairs
- detection of shielded and non-shielded wires
- adaptor for carrying out tests by one person
- low battery indicator

Specifications:

Measure cables	: from 0,4 m to 200 m
Dimensions	: 125 x 55 x 30 mm
Weight	: 125 g
Supply	: 6V 4LR44 battery

Standard equipment:

- soft carrying case

TESTER-MS6812 Cable Pairs Identifier



Features:

- continuity test for cables and wires
- detection of cable fault place
- detection of tone signal in cables or wires (telephone lines)
- identification of telephone line status (free, calling, busy)
- wire identification in cable by means of sending single, continuous or modulated signal
- adjustable sensitivity

Specifications:

Transmitter signal frequency	: 1,5 kHz
Receiver signal frequency	: 100...300 kHz
Supply voltage	: 9V 6F22 battery (delivered separately)

Standard equipment:

- soft carrying case

AX-C605 Series Loop Calibrators



Features:

- automatic power-off
- tests in 25% steps and at 100% of signal
- 24V loop supply voltage
- low battery indicator
- measures 0-20mA current loop

Specifications:

Display	: LCD 4,5 digit (19999)
DC voltage measuring range	: 0...28V
Voltage measuring resolution	: 1 mV DC
DC current measuring range	: 0...22mA
Current measuring resolution	: 0,001 mA
Voltage source	: 0...24V
Current source	: 0...22mA
Operating temperature	: 0...50°C
Weight	: 550 g
Dimensions	: 180 x 90 x 47 mm
Power supply	: 2 x 1,5V AA (LR6)

AX-C800 Voltage and Current Calibrators



Features:

- measure or simulate voltage in mV and V
- measure or simulate current in mA and A
- current readout in mA or % of range
- power transmitters during test using loop supply 24V
- overvoltage protection
- overload protection

Specifications:

Parameters mV DC	: 0 to 100 mV
Measurement/simulation	: 0,01 mV
Parameters V DC	: 0 to 10 V
Measurement/simulation	: 0,001V
Resolution	: 24 V DC ± 10%
Loop supply	: 0 to 24 mA
Parameters mA DC	: 0,001 mA
Measurement/simulation	: 0 to 24 mA
Resolution	: 0,001 mA
Supply	: 9V 6F22 battery
Dimensions	: 204 x 99 x 46 mm
Weight	: 460g

Standard equipment:

- soft carrying case
- test leads set with test tips
- insulated clips set

AX-5001 Temperature Multimeters with Dew-Point



Features:

- Large LCD display with backlight
- HOLD function (holds measurements results on the display)
- Min./Max./Med. function
- possible measurement in Celsius and Fahrenheit degrees
- dew-point measurement
- auto power off
- low battery indicator

Specifications:

Display	: LCD 4 digits, backlight
Sampling rate	: 1x/s
Temperature	: 0,1°C...-10...50°C
Humidity	: 0,1%RH...0,100%RH
Dimensions	: 121 x 60 x 30 mm
Weight	: 180 g
Supply	: 1,5V LR03, 3 batteries (not included)

Standard equipment:

- hand strip
- hard case

AX-9201 Miniature Temperature Meters



Features:

- automatic power-off
- HOLD function
- MIN/MAX function
- pointed probe made of stainless steel
- low battery indicator

Specifications:

Temperature measuring range	: -50...150°C
Temp. measur. resol.	: 0,1°C
Probe length	: 250 mm
Weight without batteries	: 51 g
Power supply	: 1 battery 1,5V LR44

AX-TH05 Thermohygrometers



Features:

- 3 level psychological comfort indicator (temperature/humidity)
- large double LCD
- selection of Celsius or Fahrenheit units

Specifications:

Temperature measuring range	: -50...70°C
Temperature measurement resolution	: 0,1°C
Humidity measuring range	: 10...99% RH
Humidity measuring resolution	: 1% RH
Weight	: 100 g
Dimensions	: 105 x 105 x 15 mm
Power supply	: 1 battery 1,5V LR03 (AAA)

AX-5002 Pyrometers with Embedded Temperature Meter

Features:

- large LCD display with backlight
- contact or non-contact temperature measurement
- laser indicator
- HOLD function (holds measurements results on the display)
- Min./Max./Med. function
- possibility of measurement in Celsius or Fahrenheit degrees
- auto power off
- low battery indicator



Specifications:

Display	: LCD 4 digits
Temperature (probe)	: 0.1°C, -200...1300°C
Temperature (non-contact)	: 0.1°C, -50...300°C
Optical resolution	: 2:1
Emissivity	: fixed 0.95
Dimensions	: 121 x 60 x 30 mm
Weight	: 180 g
Supply	: 1.5V LR03, 3 batteries (not included)
Weight	: 180 g
Supply	: 1.5V LR03, 3 batteries (not included)

Standard equipment:

- hand strip
- hard case
- K-type temperature probe with ball tip

AX-CO2-1 Temperature, Humidity and CO2 Meters



Features:

- 3 level psychological comfort indicator (temperature/humidity)
- acoustic and optical alarm
- HOLD function
- MIN/MAX function
- USB interface
- date and time setting possibility
- backlit LCD with bargraph
- holder for wall mounting or desktop placing
- overflow indicator
- selection of Celsius or Fahrenheit units
- relay output

Specifications:

Internal temperature measuring range	: -20...50°C
Humidity measuring range	: 0...100% RH
Measuring range	: 300...3000ppm (CO2)
Sealing	: IP40
Dimensions	: 125 x 85 x 30 mm
Power supply	: 5 V DC

AX-5003 Two-Channel Temperature Meters with Range -200/+1300°C

Features:

- large LCD with backlight
- possibility of two numerical measurements display
- temperature difference measurement
- HOLD function (holds measurements results on the display)
- Min./Max. function
- programmable alarm thresholds Min./Max.
- possibility of measurement in Celsius or Fahrenheit degrees
- auto power off
- low battery indicator



Specifications:

Display	: LCD 4 digits
Sampling rate	: 1x/s
Temperature (K-type thermocouple)	: 0.1°C, -200...1300°C
Temperature (J-type thermocouple)	: 0.1°C, -200...1200°C
Dimensions	: 121 x 60 x 30 mm
Weight	: 180 g
Supply	: 1.5V LR03, 3 batteries (not included)

Standard equipment:

- hand strip
- hard case
- two K-type probes with ball tip

AX-PH01 pH and Temperature Sensors

Features:

- automatic power-off
- HOLD function
- simultaneously measures pH and temperature
- 3-point pH buffers calibration (4, 6.8, 9.1)



Specifications:

Display	: double LCD
Measuring range	: 0...14pH
Measuring resolution	: 0.01pH
Measurement accuracy	: ±0.1pH
Temperature measuring range	: 0...50°C
Temperature measurement accuracy	: ±0.5°C
Temperature measurement resolution	: 0.1°C
Weight	: 100 g
Dimensions	: 188 x 38 mm
Power supply	: 4 batteries 1.5V LR03 (AAA)

AX-C830 Thermocouple Calibrators Type J,K,T,E,R,S,B,N

Features:

- large LCD with backlight
- high precision
- measurement and simulation
- cooperates with 8 thermocouple types J,K,T,E,R,S,B,N
- measurement in Celsius or Fahrenheit
- anti-shock housing
- socket enabling supply connection



Specifications:

Display	: LCD 5 digits
DC voltage	: -10mV...75mV
T-type thermocouple measure. range	: -200...400°C
S-type thermocouple measure. range	: -20...1750°C
N-type thermocouple measure. range	: -250...1300°C
R-type thermocouple measure. range	: -20...1750°C
K-type thermocouple measure. range	: -200...1370°C
J-type thermocouple measure. range	: -200...1200°C
E-type thermocouple measure. range	: -200...950°C
Dimensions	: 205 x 98 x 46 mm
Weight	: 472 g
Supply	: 1.5V LR03, 6 batteries (not included)

Standard equipment:

- soft case
- 2x thermocouple K-type pin

AX-DT100 Temperature and Humidity Recorders 32700 Samples

Features:

- LCD display with date and time tag
- humidity and temperature value record
- sampling time from 1s to 24 hrs record
- Min/Max function
- measurement in Celsius and Fahrenheit degrees
- memory filling tag
- alarm function with alarm level control
- USB interface



Specifications:

Display	: LCD
Temperature measurement	: 0.1°...-40°C to +70°C
Humidity measurement	: 0.1%...0 to 100% RH
Memory	: 32700 cells
Measurement cycle	: 1s to 24h
Desired software	: 2000/XP/Vista
Dimensions	: 94 x 48 x 33 mm
Weight	: 115 g
Supply	: 3.6V battery

AX-C850 Calibrators for RTD Sensors

Features:

- large, easy-to-read display LCD
- calibration of Pt10 (385), 50, 100, 200, 500, 1000, Pt100 (JIS) thermocouples
- selectable °C or °F
- measurement method 2, 3 or 4-wire



Specifications:

Ω Measurement and Simulation

Range	: 0 Ω - 3200 Ω
Resolution	: 0,01 Ω (measurement)
	: 0,1 Ω (simulation)

RTD Measurement and Simulation

Range	: -200°C to 800°C
Resolution	: 0,1°C/F
Notes	: Pt10 (385)

Range	: Pt50 (385)
Notes	: Pt100 (385)

Range	: -200°C to 630°C
Notes	: Pt200 (385)

Range	: Pt500 (385)
Notes	: Pt1000 (385)

Range	: Pt100 (JIS)
Notes	: 30V

Range	: -10°C to 55°C
Notes	: 1,5V, 6 batteries

Dimensions	: 205 x 98 x 46 mm
Weight	: 472 g

Standard equipment:

- soft carrying case
- 2 measuring leads sets
- 1 insulated clips set

AX-2901 Optical-Mechanical Tachometers

Features:

- optically measure rotational speed in RPM
- optically determine distance 5 cm - 20 cm
- mechanically measure rotational and linear speed
- auto ranging
- measurements memory: Max/Min/Last
- low battery indicator
- set of replaceable measuring adaptors for various applications



Specifications:

Display	: LCD 5 digits (99999 max)
Sampling rate	: 1sec.
Optically measure rotational speed	
Range	: 6 - 99999 RPM
Mechanically measure rotational speed (contact method)	
Range	: 1 - 19999 RPM
Mechanically measure linear speed	
Range	: 0,1 - 1999,9 RPM
	: 0,3 - 6560 feet/min
Dimensions	: 217 x 84 x 43 mm
Weight	: 265 g (with batteries)
Supply	: 1,5 V type LR6, 4 batteries (not included)

Standard equipment:

- hard case
- reflective tape 200 mm long
- set of measurement adaptors (circular 32mm of diameter, conical, funnel-type)

AX-L230 Luxmeters, up to 400k Lux

Features:

- large, LCD display with backlight, 3,75 digits with 41-segment bargraph
- Lux or Fc measurement units
- Peak value measurement option
- HOLD function (holds measurement result on display)
- Max/Min value measurement
- relative measurement (for illumination changes recording)
- cosine and color compensation
- conforms to CIE photopic spectral response
- measurement adaptor with 1m cable
- protective holster



Specifications:

Display	: LCD, 3,75 digits (3999)
Measurement ranges	: 41-segment bargraph
	: 40lx/400lx/4klx/40klx/400klx
	: 40fc/400fc/4000fc/40fc
Resolution	: 0,01 lx/0,01fc
Spectral accuracy	: CIE VA function f1 ≤ 6%
Cosine response	: f2' ≤ 2%
Dimensions	: 203 x 75 x 50 mm
Weight	: 280 g
Supply	: 9V 6F22 battery

AX-DG2010AF Function Generators

Features:

- arbitrary waveform
- waveforms: sine, rectangle, ramp, pulse, noise
- modulation - AM, FM, PM, ASK, FSK, PSK
- USB interface

Specifications:

Waveform frequency range:

- range: 1μHz...10MHz (rectangular waveform),
- range: 1μHz...10MHz (sinus waveform),
- range: 1μHz...300kHz (ramp waveform),
- range: 1μHz...300kHz (triangle waveform),
- range: 500μHz...5MHz (pulse waveform)

Vertical resolution : 14 bit
Memory record length : 16kpts/ch
Sweep mode period : 1m...500s

Rectangular waveform parameters rise/fall time	: <12ns
Number of channels	: 2
Output parameters impedance	: 50Ω
Dimensions	: 105 x 281 x 229 mm
Weight	: 2,6 kg
Power supply	: 100...240VAC 50/60Hz



Standard equipment:

- USB cable
- software
- mains cable

AX-DS1100CFM Digital Oscilloscopes with 7" LCD

Standard equipment:

- 2 voltage probes with 1:1/10:1 divider
- USB cable
- software

Features:

- digital filter function
- Holdoff function: 100ns...1,5s
- Pass/Fail function
- value averaging function with maximal 256 runs
- colour LCD with adjustable contrast
- mathematical functions: addition, subtraction, division, multiplication and FFT
- measurements by means of cursors
- displays input waveform and FFT on divided screen
- records input waveform
- trigger modes: slope (negative, positive), impulse width, video signal
- integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular
- memory for 20 settings
- colour 7" LCD with contrast regulation
- 20 measurement memory
- RS232 interface
- USB interface



Specifications:

Band	: <100MHz
Type of display used	: LCD 7" (480x234)
Sampling	: 1Gsp/s (in real time), : 50Gsp/s (in equivalent time)
Number of channels	: 2
Interface	: RS232; USB
Input impedance	: 1MΩ/1pF
Input sensitivity	: 2mV/div...10V/div
Input coupling	: AC, DC, GND
Trigger source	: CH1, CH2, external signal, supply voltage source
Trigger modes	: automatic, normal, single
Trigger coupling	: AC, DC, lowpass, highpass
Horizontal accuracy	: ±0.01%
Time base	: 2.5ns...50s/div
Max. input voltage	: 400 V
Vertical resolution	: 8 bit
Memory record length	: 1Mpts/ch
Rise time	: 3.5ns
Sampling	: 1Gsp/s (in real time), : 50Gsp/s (in equivalent time)
Weight	: 2.4 kg
Power supply	: 100...240VAC, 45...440Hz
Overall dimensions (W x D x H)	: 399 x 110.5 x 148.5 mm

AX-1803D Low Power Laboratory Power Supply Units (PSU)

Specifications:

Display	: LCD 2 x 3,5 digits
Output voltage DC	: 0-18 V
Output current DC	: 0-3 A
Line regulation	: ≤ 0,01% ± 1 mV
Load regulation	: ≤ 0,2% ± 1 mA
Noise and ripple	: ≤ 1 mVrms
Mains supply	: 230 VAC ± 10%
Dimensions	: 206 x 153 x 106 mm
Weight	: about 4 kg

Features:

- 2 LCD displays 2 x 3,5 digits
- precise adjustment of current and voltage
- short-circuit protection
- overload protection
- protection against connection to the PSU's output a voltage with reverse polarisation
- simultaneous readouts of voltage and current
- efficient current and voltage regulation factor



AX-3005DS 1 Channel Adjustable Power Supplies

Features:

- simultaneous voltage and current readout
- voltage and current stepless adjustment
- overload protection
- coarse and precise voltage and current adjustment

Specifications:

Display	: 2x LCD 3 digits
Number of channels	: 1
Output voltage	: 0...30 V DC
Output current	: 0...5 A
Voltage stabilisation	: ≤ 1% + 10mV
Current stabilisation	: ≤ 1% + 5mA
Voltage (regulated) ripple and noise	: ≤ 100mVp-p
Dimensions	: 80 x 160 x 205 mm
Weight	: 1.5 kg
Power supply	: 230VAC 50/60Hz



AX-DS1022C7 Digital Oscilloscopes

Features:

- automatically measures 32 parameters
- digital filter function
- value averaging function with maximal 256 runs
- colour LCD with adjustable contrast
- mathematical functions: addition, subtraction, division, multiplication and FFT
- measurements by means of cursors
- X-Y operation mode
- displays input waveform and FFT on divided screen
- records input waveform
- trigger modes: slope (negative, positive), impulse width, video signal
- integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular
- memory for 20 settings
- RS232 interface
- USB interface

Standard equipment:

- 2 voltage probes with 1:1/10:1 divider
- USB cable
- software

AX-3005D-1 Single Output Laboratory Power Supply with LCD



Features:

- 2 LEDs
- cooled by temperature-controlled fan
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- constant voltage or constant current operation
- overload protection
- short circuit protection
- protection against connection of reverse polarisation voltage to the PSU output
- coarse and precise voltage and current adjustment
- memory for 4 settings

Specifications:

Display	: 2x LED 4 digits
Number of channels	: 1
Output voltage	: 0...30 V DC
Output voltage resolution	: 10 mV
Output current	: 0...5 A
Output current resolution	: 1 mA
Voltage stabilisation	: ≤ 0,01% + 2mV
Current stabilisation	: ≤ 0,1% ± 10mA
Dimensions	: 110 x 156 x 260 mm
Weight	: 4.5 kg
Power supply	: 100...240V 50/60Hz

Standard equipment:

- mains cable

AX-DS1062CFM Digital Oscilloscopes with 7" Display



Specifications:

Band	: <=25MHz
Display	: LCD 7" (480x234)
Number of channels	: 2
Input impedance	: 1MΩ/17pF
Input coupling	: AC, DC, GND
Trigger source	: CH1, CH2, external signal, supply voltage source
Trigger modes	: automatic, normal, single
Trigger coupling	: AC, DC, lowpass, highpass
Input sensitivity	: 2mV/div...5V/div
Time base	: 25n...50s/div
Max. input voltage	: 400 V
Vertical resolution	: 8 bit
Memory record length	: 32kpts
Rise time	: 14ns
Sampling	: 500Msps (in real time), 50Gsp/s (in equivalent time)
Weight	: 2.5 kg
Power supply	: 100...240VAC 50/60Hz
Overall dimensions (W x D x H)	: 323 x 135 x 157 mm

Features:

- 7" colour display with contrast regulation
- 2 channels
- sampling rate to 1GSa/s
- automatic measurement of 32 parameters
- memory of runs to 2Mpts
- measurement with cursors
- mathematic and FFT functions
- tripping kinds with slope (accruing, descending), with impulse width, with video signal
- memory of runs and settings
- USB interface



Specifications:

Band	: <=60MHz; <=40MHz
Display	: LCD 7" (480x234)
Number of channels	: 2
Memory	: 2Mpts.
Input impedance	: 1MΩ/14pF
Input coupling	: AC, DC, GND
Tripping source	: CH1, CH2, external signal supply source
Tripping modes	: automatic, regular, single
Tripping coupling	: AC, DC, low-pass, high-pass
Time base	: 5...50s/div; 10n...50s/div.
Input voltage max [V]	: 400
Vertical resolution [lines]	: 8
Accrual time	: 5.8ns; 8.8ns
Sampling rate	: 1GSa/s (in real time); 500MSa/s (in real time); 50Gsa/s (in equivalent time); 25Gsa/s (in equivalent time)
Weight [kg]	: 2.4
Supply	: 100...240VAC
Dimensions	: 148,5x399x110,5

AX-6002P Programmable Power Supply Units



Features:

- cooled by temperature-controlled fan
- RS232 interface
- USB interface
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- constant voltage or constant current operation
- overload protection
- overvoltage protection
- protection against connection of reverse polarisation voltage to the PSU output
- double LED
- memory for 4 settings

Specifications:

Display	: 2x LED 4 digits
Number of channels	: 1
Output voltage	: 0...60 V DC
Output voltage resolution	: 10 mV
Output current	: 0...2 A
Output current resolution	: 1 mA
Voltage stabilisation	: <=0,01% + 2mV
Current stabilisation	: <=0,1% + 5mA
Voltage (regulated) ripple and noise	: <1mVrms
Dimensions	: 98 x 193 x 215 mm
Weight	: 3 kg
Power supply	: 100...240V 50/60Hz
Pollution degree	: 2

Standard equipment:

- USB cable
- software
- mains cable

AX-3005DS, AX-3010DS 1 Channel Adjustable Switching Power Supplies



Features:

- simultaneous voltage and current readout
- voltage and current stepless adjustment
- overload protection
- coarse and precise voltage and current adjustment

Specifications:

Display	: 2x LCD 3 digits
Number of channels	: 1
Current stabilisation	: <=1% + 5mA
Voltage stabilisation	: <=1% + 10mV
Voltage (regulated) ripple and noise	: <200mVp-p
Weight	: 1.5 kg
Dimensions	: 85 x 160 x 205 mm
Power supply	: 230 V AC 50/60 Hz

Symbol	Output voltage [V DC]	Output current [A]
AX-3005DS	0...30	0...5
AX-3010DS	0...30	0...10

AX-3005DLS Single Channel Linear Power Supplies



Features:

- simultaneous voltage and current readout
- voltage and current stepless adjustment
- overload protection
- coarse and precise voltage and current adjustment

Specifications:

Display	: 2x LCD 4 digits
Number of channels	: 1
Output voltage	: 0...30 V DC
Output current	: 0...5 A
Voltage stabilisation	: <0,01% + 5mV
Voltage (regulated) ripple and noise	: <1mVp-p
Dimensions	: 85 x 160 x 260 mm
Power supply	: 110/230V 50/60Hz

AX-3003L-3, AX-3005L-3 3-channel Linear Laboratory Power Supplies



Features:

- 2 regulated blocks that can operate in constant current or constant voltage modes and as serial, parallel or independent PSUs
- 4 LED displays
- cooled by temperature-controlled fan
- simultaneous voltage and current readout
- voltage and current stepless adjustment
- programmable current limiter
- overload protection
- short circuit protection

Specifications:

Number of channels	: 3
Display	: 4x LED 3,5 digit
Output voltage resolution	: 0.1 V
Output current resolution	: 0.01 A

Voltage (regulated) ripple and noise : $\leq 1 \text{ mVrms}$

Symbol	AX-3003L-3	AX-3005L-3
Output voltage [V DC]	0...30	0...30
Output current [A]	0...3	0...5
Output voltage 2 [V DC]	0...30	0...30
Output current 2 [A]	0...3	0...5
Output voltage 3 [V DC]	5	5
Output current 3 [A]	3	3
Dimensions [mm]	260 x 160 x 310	260 x 160 x 360
Weight [kg]	10	13
Power supply	220V 50 Hz	220V 50 Hz

AX-3005DBL Single Output Laboratory Power Supplies



Features:

- simultaneous voltage and current readout
- voltage and current stepless adjustment

Specifications:

Number of channels	: 1
Display	: 2x LCD 3,5 digit
Output voltage	: 0...30 VDC
Output current	: 0...5 A
Voltage (regulated) ripple and noise	: $\leq 0.5 \text{ mVrms}$
Voltage output	: 5V DC/3A
Voltage stabilisation	: $\leq 0.02\% + 2 \text{ mV}$
Current stabilisation	: $\leq 0.02\% + 2 \text{ mA}$
Weight	: 6 kg
Power supply	: 230VAC 50/60Hz

Standard equipment:

- test leads
- mains cable

AX-3003D and AX-3005D Single Output Laboratory Power Supply Units with LCD Display

Features:

- 2 LCD displays 2 x 3,5 digits
- precise adjustment of current and voltage
- short-circuit protection
- overload protection
- protection against connection to the PSU's output a voltage with reverse polarisation
- simultaneous readouts of voltage and current
- very good regulation factor for current and voltage

Specifications:

Display	: LCD 2 x 3,5 digits
Output voltage DC	: 0-30 V
Output current DC AX-3003D	: 0-3 A
DC AX-3005D	: 0-5 A
Line regulation	: $\leq 0.01\% \pm 1 \text{ mV}$
Load regulation	: $\leq 0.2\% \pm 1 \text{ mA}$
Noise and ripple	: $\leq 1 \text{ mVrms}$
Mains supply	: 230 V AC $\pm 10\%$
Dimensions	: 291 x 158 x 136 mm
Weight	AX-3003D : about 5 kg AX-3005D : about 6 kg



AX-3003D-3 and AX-3005D-3 Triple Output Laboratory Power Supply Units with LCD Display

Features:

- readable LCD displays 4 x 3,5 digits
- short-circuit protection
- programmable overload protection
- simultaneous readouts of voltage and current
- two controlled sections which may operate in current or voltage stabilisation mode, or as in series, parallel or independent power supplies - „TRACKING MODE“ option
- single output with fixed voltage 5 V / 3 A
- very good regulation factor for current and voltage



Specifications:

Display	: 4 x LCD 3,5 digits
Output voltage DC	: 2 x 30 V
Output current DC	: 2 x 3 A (AX-3003D-3) and 2 x 5 A (AX-3005D-3)
Fixed output DC	: 5 V / 3 A
Line regulation	: $\leq 0.01\% \pm 1 \text{ mV}$
Load regulation	: $\leq 0.2\% \pm 1 \text{ mA}$
Noise and ripple	: $\leq 1 \text{ mVrms}$
Mains supply	: 230 V AC $\pm 10\%$
Dimensions	: 365 x 265 x 164 mm
Weight	: about 10 kg (AX-3003D-3) about 13 kg (AX-3005D-3)

AX-3005DBL-3 Triple Output Power Supplies



Features:

- simultaneous voltage and current readout
- voltage and current stepless adjustment

Specifications:

Number of channels	: 3
Display	: 4x LCD 3,5 digit
Output voltage	: 0...30 V DC
Output current	: 0...5 A
Output voltage 2	: 0...30 V DC
Output current 2	: 0...5 A
Voltage output	: 5V DC/3A
Voltage (regulated) ripple and noise	: $\leq 0.5 \text{ mVrms}$
Voltage stabilisation	: $\leq 0.02\% + 2 \text{ mV}$
Current stabilisation	: $\leq 0.02\% + 2 \text{ mA}$
Weight	: 16 kg
Power supply	: 230VAC 50/60Hz

Standard equipment:

- test leads
- mains cable

AX-CP-06 Miniature Clip-on Probes with 0.6 mm Socket



AX-CP-05 2mm Test Probe Tips with 4mm Socket



AX-TL-4B1 Test Lead with 4mm Banana Plugs



Features:

- Test accessories : clip-on probe
- Clip-on probe type : pincers type
- Grip capacity : max. 2 mm
- Connection : socket with 0.6 mm stud
- Rated voltage : 60 V DC
- Rated current : 2 A
- Contact material : brass
- Contact plating : gold plated
- Insulator material : polyamide
- Colour : AX-CP-06-B black
AX-CP-06-R red

Features:

- Test accessories : test probe
- Overall length : 103 mm
- Blade diameter : 2 mm
- Rated current : 10 A
- Connection : 4 mm socket
- Insulator material : polyamide
- Conform to the norm : IEC 1010 1000V Cat II
- Colour : AX-CP-05-B black
AX-CP-05-R red

Features:

- Structure : 4mm straight banana plug - 4mm straight banana plug
- Type : with 4 mm axial socket; with cover

Conform to the norm : IEC 1010 600V Cat II

Cable length : 1 m

Symbol	Features	Wire cross-section [mm ²]	Rated current [A]	Colour
AX-TL-4B1-B	flexible	1	19	black
AX-TL-4B1-BL	flexible	1	19	blue
AX-TL-4B1-R	flexible	1	19	red
AX-TL-4BS1-B	silicone	2,5	32	black
AX-TL-4BS1-R	silicone	2,5	32	red

AX-CP-04 Clip-on Probe with 4mm Banana Socket



AX-CP-02 Test Probes with the Fuse Socket



AX-TLP-001 Test Leads Set



Features:

- Test accessories : clip-on probe
- Clip-on probe type : with puncturing point
- Connection : 4 mm socket
- Insulator material : polyamide
- Contact material : brass/steel
- Contact plating : nickel plated
- Grip capacity : max. 6 mm
- Rated current : 10 A
- Overall length : 159 mm
- Conform to the norm : IEC 1010 1000V Cat III
- Colour : AX-CP-04-B black
AX-CP-04-R red

Features:

- Test accessories : test probe
- Features : fuse holder
- Rated current : 20 A
- Connection : 4 mm socket
- Overall length : 132.5 mm
- Conform to the norm : IEC 1010 1000V Cat III
- Insulator material : polyamide
- Contact material : brass
- Colour : black AX-CP-02-B
red AX-CP-02-R

AX-CP-01-SET Measuring Tips Set Socket 4mm 10A



Features:

- 4mm angled banana plug - test probe
- type : cap protecting from short circuits during tests
- pointed tip that can be plugged to 4mm socket
- rated current : 10 A
- cable length : 1.2 m
- conform to the norm : IEC 1010 for Cat. III 1000V
- plug dimensions : Ø4 mm
- colour : red and black
- kit contents : 2x test lead

AX-CP-03 Clip-on Probes with Puncturing Point



Features:

- Test accessories : clip-on probe
- Clip-on probe type : with puncturing point
- Connection : 4 mm socket
- Rated current : 10 A
- Contact material : brass/steel
- Insulator material : polyamide
- Overall length : 136 mm
- Max. wire diameter : 4 mm
- Conform to the norm : IEC 1010 1000V Cat III
- Colour : AX-CP-03-B black
AX-CP-03-R red

Features:

- construction: 4 mm banana socket - pointed tip
- rated current: 10A
- total length: 123mm
- compliant with the Norm IEC1010 Cat. III 1000V, Cat. V 600V
- colour: black and red
- set contents: 2x measuring tip

AX-CR-02-SET Crocodile Clamps with 4 mm Socket



Features:

- 4 mm banana socket
- rated current: 5A
- colour: black and red
- set contents: 2x crocodile type measuring tip
- insulation material: PVC

AX-TLP-001T Test Leads Set 1,2m 4mm Banana/Test Tip



Features:

- 4mm banana plug - 2mm test tip
- nominal current: 10A
- leads length: 1,2 m
- compliant with IEC1010 Cat. III 1000V
- colour: black and red
- set contents: 2x test lead
- lead insulation material: PVC

AX-TLP-005 Leads Set 1,2m 4mm Banana/Needle Measuring Tips

Features:

- 4mm banana angled plug - needle probe
- nominal current: 10A
- leads length: 1,2 m
- compliant with IEC1010 Cat. III 1000V
- colour: black and red
- set contents: 2x test lead
- lead insulation material: PVC

AX-TLP-002 Test Leads with Two Banana Plugs

Features:

- 4mm straight banana plug
- 4mm straight banana plug
- rated current : 10 A
- cable length : 1.2 m
- conform to the norm : IEC 1010 for Cat. III 1000V Cat. IV 600V
- plug dimensions : Ø4 mm
- colour : red and black
- kit contents : 2x test lead

AX-TLP-003 Test Leads Set 1,2m Banana Straight: Plug/Socket

Features:

- 4mm banana plug straight
- 4mm banana socket straight
- nominal current: 10A
- leads length: 1,2 m
- compliant with IEC1010 Cat. III 1000V
- colour: black and red
- set contents: 2x test lead
- lead insulation material: PVC

AX-TLS-001 Silicone Test Leads with Angled Banana Plugs

Specifications:

- Kit contents : 2x test lead
- Structure : 4mm angled banana plug - test probe
- Rated current : 10 A
- Wire insulation material : silicone
- Cable length : 1 m
- Wire cross-section : 0.75 mm²
- Conform to the norm : IEC 1010 1000V Cat III
- Plug dimensions : Ø4 mm
- Colour : red and black

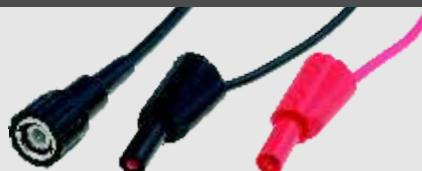
AX-TL-BNC-BNC Test Leads with BNC Plug - BNC Plug



Specifications:

- Structure : BNC plug - BNC plug
- Rated current : 3 A
- Cable length : 1 m
- Colour : black
- Safety : EN61010 150V CAT II, EN61010 500V CAT I

AX-TL-BNC-4BP2 Test Leads with Insulated BNC Plug and Two 4 mm Plugs



Specifications:

- Structure : 2x 4 mm banana plug - BNC plug
- Rated current : 3 A
- Cable length : 1.2 m
- Colour : red and black
- Safety : EN61010 150V CAT II, EN61010 500V CAT I

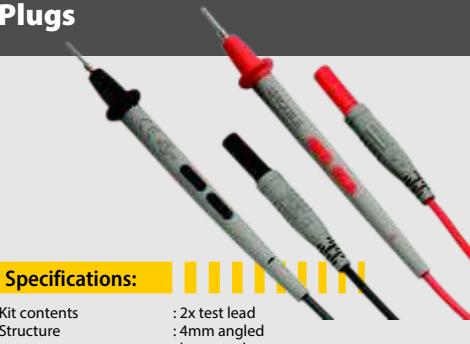
AX-TL-BNC-CH2 Test Leads with Insulated BNC Plug and Two Gitters



Specifications:

- Structure : 2x hook clip-on probe - BNC female plug
- Rated current : 3 A
- Cable length : 1.2 m
- Conform to the norm : IEC 1010 500V Cat I
- Colour : red and black

AX-TLS-002 Silicone Test Leads with Angled Banana Plugs



Specifications:

- Kit contents : 2x test lead
- Structure : 4mm angled banana plug - test probe
- Rated current : 10 A
- Cable length : 1 m
- Wire cross-section : 0.75 mm²
- Wire insulation material : silicone
- Conform to the norm : IEC 1010 1000V Cat III
- Plug dimensions : Ø4 mm
- Colour : red and black

AX-TLP-TW-01 SMD Test Tweezers with Banana Plugs



Features:

- 4mm angled banana plug - SMD test tweezers
- cable length : 0.4 m
- colour : black

AX-P1, AX-58P, AX-58P1 - Soft Carrying Cases for Multimeters



AX-P1

- Designed for types : AX-18B and AX-19
- Dimensions : 230 x 130 x 49 mm
- Material : fabric



AX-58P

- Designed for types : AX-582B, AX-585B, AX-588, AX-588B
- Dimensions : 210 x 120 x 45 mm
- Material : fabric



AX-58P1

- Designed for types : AX-582B, AX-585B, AX-588, AX-588B
- Dimensions : 185 x 120 x 49 mm
- Material : fabric

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